

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau(43) International Publication Date
17 November 2005 (17.11.2005)

PCT

(10) International Publication Number
WO 2005/108420 A1(51) International Patent Classification⁷: **C07K 14/47**,
C12N 15/12, C12Q 1/68, G01N 33/68, A61P 35/00, A61K
31/713, 38/17, 39/00S17 4LQ (GB). MILES, Amanda, Kathleen [GB/GB]; 25
Sovereign Way, Heanor, Derbyshire DE75 7SB (GB). LI,
Geng [CN/GB]; 25 Belmont Close, Beeston, Nottingham
NG9 5FY (GB).(21) International Application Number:
PCT/GB2005/001197(74) Agent: ELSY, David; Withers & Rogers LLP, Goldings
House, 2 Hays Lane, London SE1 2HW (GB).

(22) International Filing Date: 24 March 2005 (24.03.2005)

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

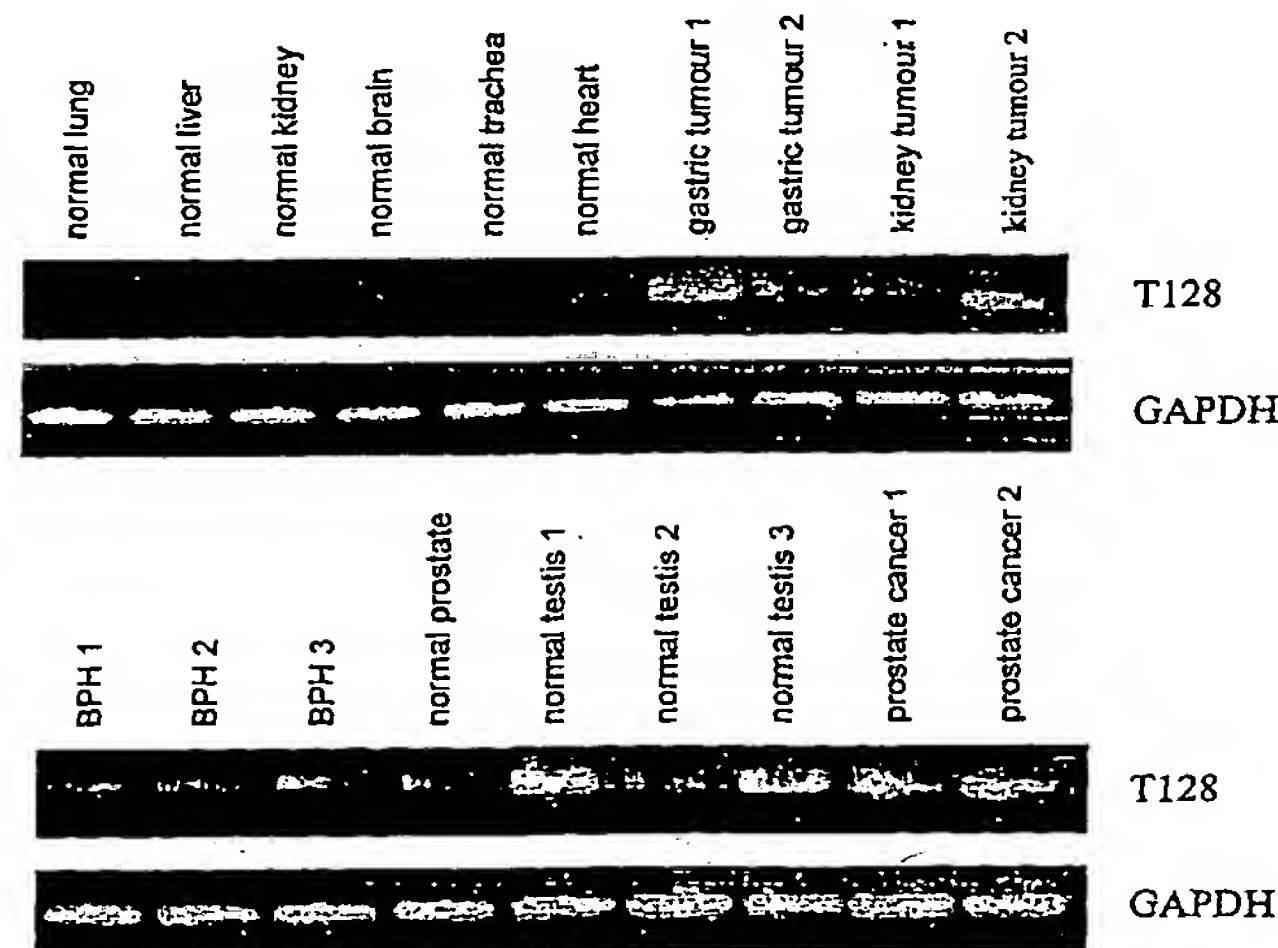
(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0407587.5 2 April 2004 (02.04.2004) GB(71) Applicant (*for all designated States except US*): THE
NOTTINGHAM TRENT UNIVERSITY [GB/GB];
Clifton Lane, Nottingham NG11 8NS (GB).(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,

[Continued on next page]

(54) Title: CANCER ASSOCIATED ANTIGENS



(57) Abstract: The invention relates to isolated nucleic acid sequences which are expressed in cancers, especially gastrointestinal, kidney and prostate cancers, to their protein products and to the use of the nucleic acid and protein products for the identification and treatment of cancers.

WO 2005/108420 A1

BEST AVAILABLE COPY



FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

Published:

— *with international search report*